

*Average relative humidity and departures from the normal.*

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England.....	82	0	Missouri Valley.....	74	+ 7
Middle Atlantic.....	84	+ 8	Northern Slope.....	63	+ 11
South Atlantic.....	86	+ 4	Middle Slope.....	68	+ 10
Florida Peninsula.....	82	+ 2	Southern Slope.....	72	+ 11
East Gulf.....	82	+ 2	Southern Plateau.....	54	+ 12
West Gulf.....	79	+ 4	Middle Plateau.....	46	+ 10
Ohio Valley and Tennessee.....	79	+ 7	Northern Plateau.....	42	- 2
Lower Lake.....	75	+ 4	North Pacific.....	74	- 5
Upper Lake.....	78	+ 3	Middle Pacific.....	63	+ 1
North Dakota.....	74	+ 10	South Pacific.....	68	+ 2
Upper Mississippi Valley.....	77	+ 7			

*Average cloudiness and departures from the normal.*

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England.....	4.8	- 0.2	Missouri Valley.....	4.7	+ 0.6
Middle Atlantic.....	6.4	+ 1.4	Northern Slope.....	4.0	+ 0.3
South Atlantic.....	6.0	+ 0.8	Middle Slope.....	4.2	+ 0.4
Florida Peninsula.....	5.4	+ 0.2	Southern Slope.....	4.8	0.0
East Gulf.....	5.4	+ 0.5	Southern Plateau.....	3.8	+ 0.4
West Gulf.....	4.6	+ 0.2	Middle Plateau.....	3.6	+ 1.4
Ohio Valley and Tennessee.....	5.6	+ 1.1	Northern Plateau.....	3.1	+ 0.1
Lower Lake.....	4.4	- 0.1	North Pacific.....	4.4	+ 0.5
Upper Lake.....	4.8	0.0	Middle Pacific.....	4.0	+ 1.2
North Dakota.....	4.8	+ 0.9	South Pacific.....	2.6	+ 0.1
Upper Mississippi Valley.....	4.8	+ 0.7			

## CLIMATOLOGICAL SUMMARY.

By Mr. JAMES BERRY, Chief of the Climatological Division.

## TEMPERATURE AND PRECIPITATION BY SECTIONS, AUGUST, 1906.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation. Of course the number of such records is smaller than the total number of stations.

Section.	Temperature—in degrees Fahrenheit.						Precipitation—in inches and hundredths.					
	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.		Least monthly.	
Station.			Station.	Highest.	Date.	Station.	Lowest.	Date.	Station.	Amount.	Station.	Amount.
Alabama.....	80.4	+ 0.9	Newberne.....	102	25	Riverton.....	55	28, 30	3.78	- 0.92	Oneonta.....	11.23
Arizona.....	77.4	- 2.7	Casagrande.....	117	6	Quakinsasp.....	33	24-26	3.52	+ 1.26	Selma.....	0.66
Arkansas.....	77.9	- 1.4	Jonesboro, Warren.....	100	19	Harrison.....	42	28	4.92	+ 1.04	Oracle.....	7.91
California.....	73.6	+ 0.6	Mammoth Tank.....	124	12	Tamarack.....	34	24	0.13	+ 0.03	Arnett.....	11.41
Colorado.....	64.2	- 1.2	Las Animas.....	106	21	Antelope Springs.....	25	26	1.91	- 0.05	Needles.....	5.66
Florida.....	81.4	- 0.1	Madison.....	100	9, 10	Molino.....	62	4	7.20	+ 2.20	Sugar City.....	4.90
Georgia.....	80.1	+ 0.9	Brunswick.....	102	9, 10	Diamond.....	59	1	5.82	+ 0.13	Tarpon Springs.....	20.99
Hawaii.....	+74.8	.....	Fitzgerald.....	102	11	Humula, Hawaii.....	39	23	18.87	.....	Glennville.....	12.81
Idaho.....	66.6	- 0.3	Kihei, Maui.....	95	7	Chesterfield.....	25	25	0.97	+ 0.54	Houomanu V., Maui.....	34.99
Illinois.....	76.3	+ 2.4	Cambridge.....	107	10	Kishwaukee.....	39	28	4.01	+ 0.85	Weston.....	3.86
Indiana.....	76.1	+ 2.7	Lewiston.....	107	11	5 stations.....	43	28	4.68	+ 1.81	Palestine.....	9.97
Iowa.....	74.1	+ 2.1	Issue.....	101	13	3 stations.....	33	27	3.95	+ 0.38	Marion.....	9.66
Kansas.....	76.3	- 0.7	Mount Vernon.....	101	4	Washta.....	33	27	3.95	+ 0.38	Sibley.....	10.51
Kentucky.....	77.4	+ 1.4	5 stations.....	98	4 dates	Hays.....	36	27	3.98	+ 1.04	Baker.....	10.91
Louisiana.....	82.1	+ 0.6	Coolidge.....	105	22	Earlington.....	45	28	4.37	+ 0.98	Falmouth.....	8.96
Maryland and Delaware.....	75.8	+ 1.8	Alexandria.....	105	22	5 stations.....	52	27-29	2.92	- 2.09	Pearl River.....	8.02
Michigan.....	70.3	+ 4.4	Milford, Del.....	97	7	Deer Park, Md.....	47	15	8.44	+ 4.51	Washington, D. C.....	14.36
Minnesota.....	68.7	+ 1.4	3 stations.....	96	4 dates	Humboldt.....	31	31	2.93	- 0.01	Oakland, Md.....	2.98
Mississippi.....	80.6	+ 0.4	Lynd, Rouse.....	102	17	International Falls.....	27	31	4.66	+ 1.47	Traverse City.....	0.82
Missouri.....	76.6	+ 0.3	5 stations.....	101	6 dates	Ripley.....	51	29	3.00	- 1.58	International Falls.....	0.53
Montana.....	64.3	- 0.8	Princeton.....	101	16	3 stations.....	40	27, 28	4.72	+ 0.53	Jackson.....	0.75
Nebraska.....	72.5	- 0.3	Plentywood.....	103	15	Grayling.....	23	26, 30	2.25	+ 1.20	Nevada.....	1.28
Nevada.....	70.1	0.0	Lynch, Santee.....	104	16	Agate.....	36	26	3.66	+ 0.62	Plentywood.....	0.12
New England*	70.0	+ 2.7	Logan.....	111	15	Winnebago.....	36	27	3.66	+ 0.62	Hartington.....	10.75
New Jersey.....	74.6	+ 2.4	Millinocket, Me.....	102	19	Wells.....	26	25	0.82	+ 0.12	Guide Rock.....	0.95
New Mexico.....	68.7	- 1.9	Indian Mills.....	97	6	Woodstock, Vt.....	33	17	2.68	- 1.24	Geyser.....	4.93
New York.....	70.6	+ 3.7	San Marcial.....	105	1	Charlotteburg.....	42	16	5.95	+ 1.11	4 stations.....	0.00
North Carolina.....	78.2	+ 2.1	Elmira.....	100	23	Red River.....	31	16, 29	2.32	+ 0.33	Franklin Falls, N.H.....	0.56
North Dakota.....	66.2	+ 0.4	Mourche, Selma.....	98	11	Indian Lake.....	30	15	3.44	- 0.04	Bergen Point.....	2.21
Ohio.....	74.6	+ 3.1	Ellendale.....	107	19	Pink Beds.....	50	8	9.26	+ 2.91	Rosa.....	0.30
Oklahoma and Indian Territories.....	77.6	- 3.1	Findlay.....	101	21	Lakota.....	31	31	1.90	+ 0.41	Angelica.....	8.33
Oregon.....	67.0	+ 1.5	Temple, Okla.....	101	16, 30	Green Hill.....	43	28	4.72	+ 1.73	Henderson.....	1.44
Pennsylvania.....	73.2	+ 3.0	Temple, Okla.....	105	17	Beaver, Okla.....	41	27	6.57	+ 3.53	Appleton.....	3.89
Porto Rico.....	79.5	.....	Beulah.....	108	4	Granite.....	28	19, 20	0.24	- 0.36	Asheville.....	16.00
South Carolina.....	80.6	+ 1.2	Freeport.....	96	6	Silver Lake.....	28	21	5.62	+ 1.72	Bronx Brook.....	3.30
South Dakota.....	69.9	- 0.3	San Lorenzo.....	103	22	Pocono Lake.....	39	17	5.62	+ 1.72	Franklin Falls, N.H.....	0.56
Tennessee.....	77.5	+ 1.1	3 stations.....	100	7, 10	Corozal.....	53	18	5.98	.....	Center Point.....	1.28
Texas.....	80.0	- 1.8	Fillmore.....	105	10	Trenton.....	60	1	6.62	+ 0.63	Santa Isabel.....	0.02
Utah.....	68.9	- 0.7	Thistle.....	105	5	Little Eagle.....	36	26, 27	5.41	+ 3.34	Allendale.....	2.00
Virginia.....	76.2	+ 1.9	3 stations.....	98	6, 7, 9	Zindel.....	50	30	4.28	+ 0.45	Spearfish.....	1.63
Washington.....	66.3	+ 0.6	Mottingers Ranch.....	108	10	Hot Springs.....	50	31	9.51	+ 5.34	Callaville.....	16.75
West Virginia.....	75.4	+ 2.5	Sutton.....	98	6	Northport.....	30	20	0.34	- 0.36	Lynchburg.....	4.84
Wisconsin.....	70.4	+ 2.8	Amherst, Neillsville.....	98	20	New Cumberland.....	47	28	5.15	+ 0.99	Zindel.....	1.85
Wyoming.....	62.1	- 0.6	Alcova.....	105	17	Prentice.....	32	31	4.07	+ 0.68	2 stations.....	0.00
						Snake River, Y.N.P.....	20	27	1.97	+ 0.66	Cuba.....	2.18
										Menasha.....	8.55	
										Story.....	4.94	
										Cheyenne (ex. farm).....	0.47	

\* Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

† 50 stations, with an average elevation of 767 feet.

‡ 147 stations.

## DESCRIPTION OF TABLES AND CHARTS.

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For description of tables and charts see page 38 of REVIEW for January, 1906.